



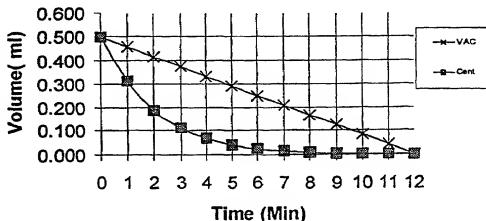
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C12N 15/10, C07K 1/34, B01D 61/14		A1	(11) International Publication Number: WO 00/66723
(21) International Application Number: PCT/US00/11926		(43) International Publication Date: 9 November 2000 (09.11.00)	
(22) International Filing Date: 2 May 2000 (02.05.00)		(81) Designated States: JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(30) Priority Data: 60/132,369 4 May 1999 (04.05.99) US 60/182,357 14 February 2000 (14.02.00) US		Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 60/182,357 (CON) Filed on 14 February 2000 (14.02.00)			
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(54) Title: METHOD OF ULTRAFILTRATION

UF Throughput

(Vac.=12psi,Cent=2000g,Flux=.016ml/min/cm2/psi,Area=.034 in2)



(57) Abstract

A process for ultrafiltration using constant pressure differential as the driving force is disclosed. This process is particularly suited for use in concentrating or purifying proteins and/or nucleic acids, often without any need for one or more diafiltration steps. The process is particularly suited for small volume applications, such as small concentrator devices and multiple well plates that typically use starting volumes of liquids of less than about 500 microliters. The steps include adding a liquid volume above an ultrafiltration membrane and applying a constant pressure differential at a force and length of time to achieve the desired concentration on the upstream side of the membrane. The concentrate is then diluted or removed for further processing.